

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070679.D
 Acq On : 12 Oct 2021 15:07
 Operator : VA/SY
 Sample : M4159-09
 Misc : 4.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T9-4-BOTTOM-GRAB

Quant Time: Oct 13 06:36:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

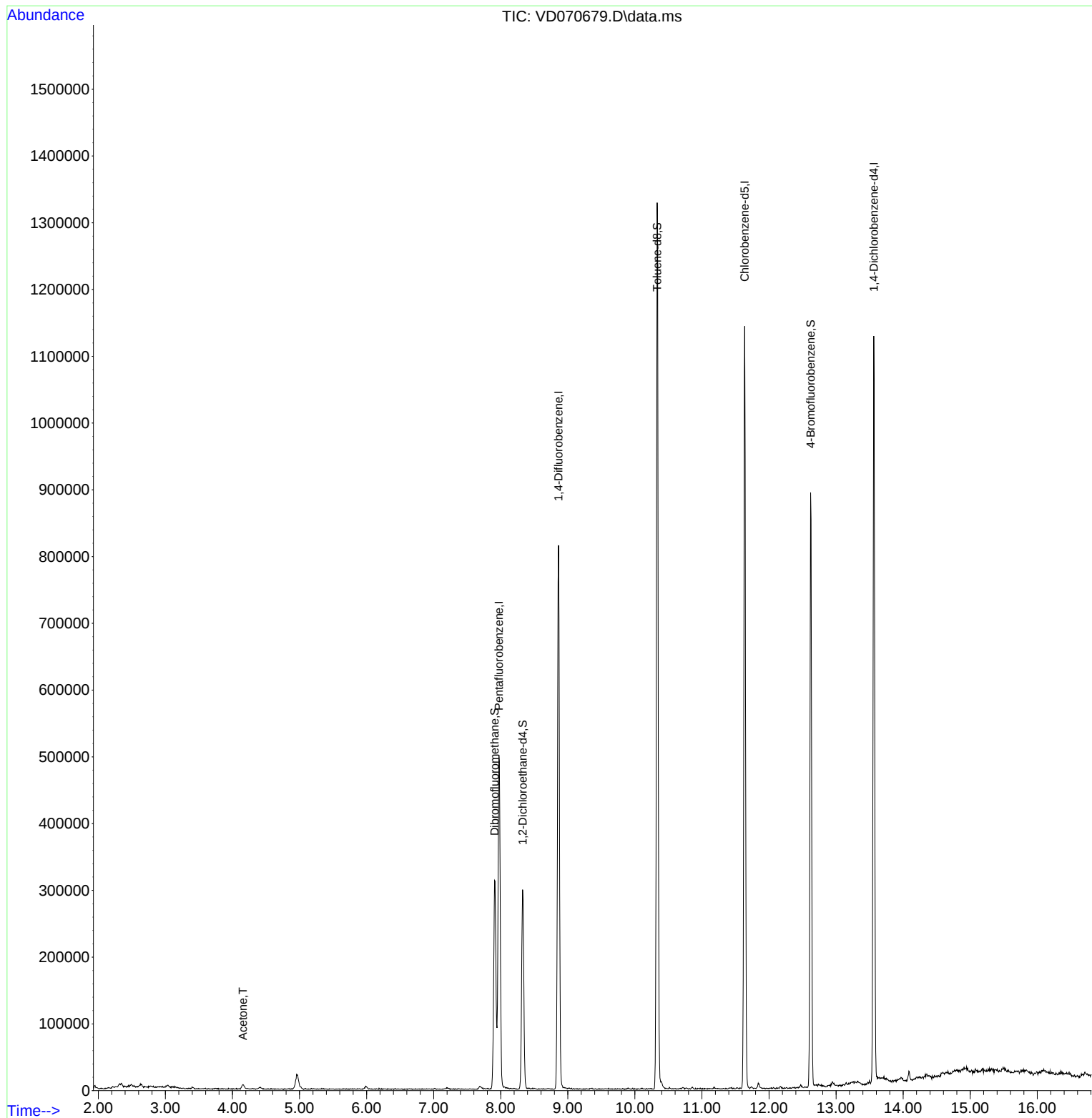
Internal Standards						
1) Pentafluorobenzene	7.973	168	358891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	717610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	693050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	300996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	236049	55.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.78%
35) Dibromofluoromethane	7.909	113	236328	49.53	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.06%
50) Toluene-d8	10.332	98	927637	50.86	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.72%
62) 4-Bromofluorobenzene	12.620	95	301239	49.42	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.84%
Target Compounds						
16) Acetone	4.156	43	10930	15.24	ug/l	Qvalue 98

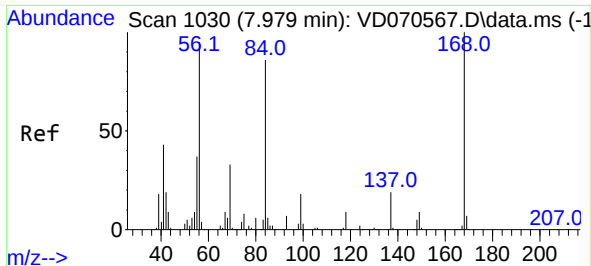
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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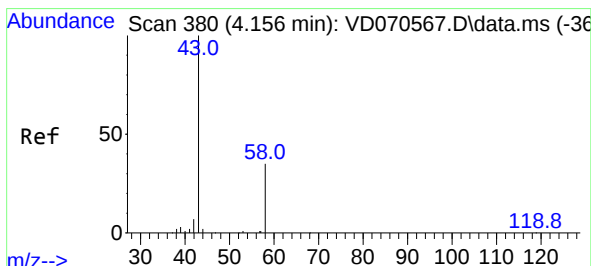
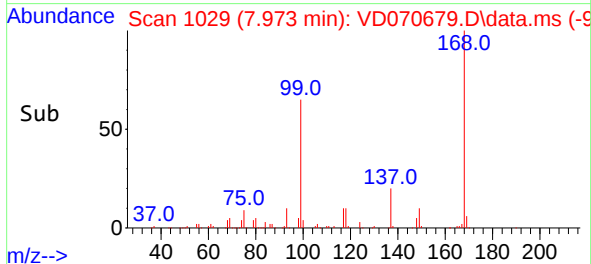
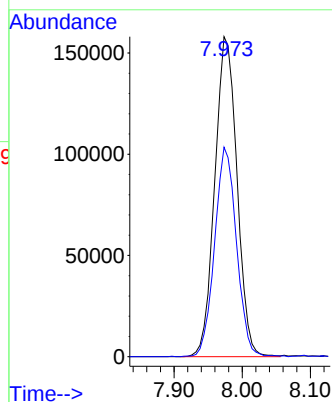
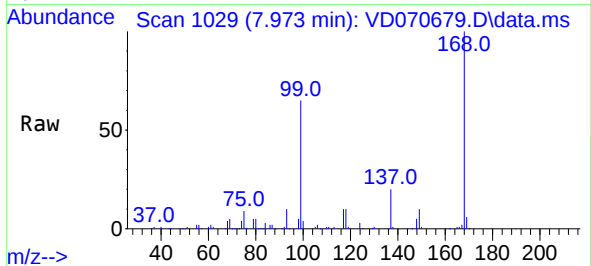




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070679.D
Acq: 12 Oct 2021 15:07

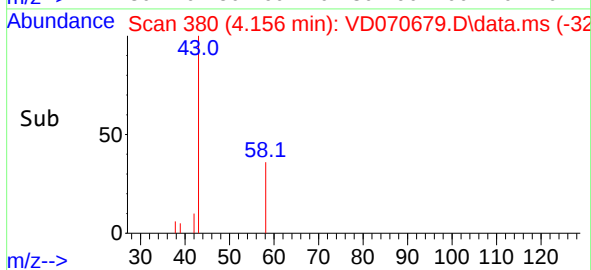
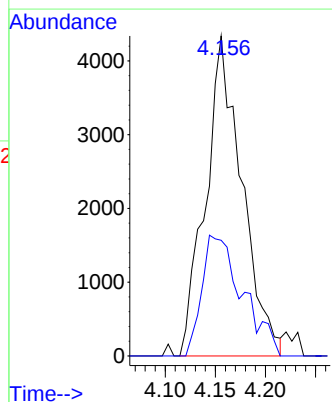
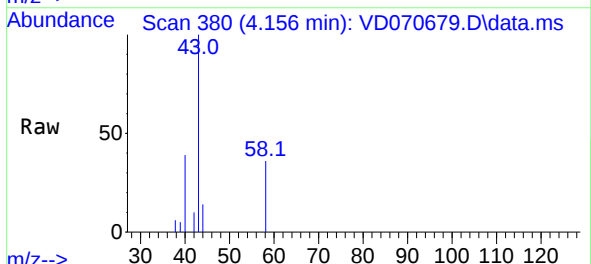
Instrument :
MSVOA_D
ClientSampleId :
T9-4-BOTTOM-GRAB

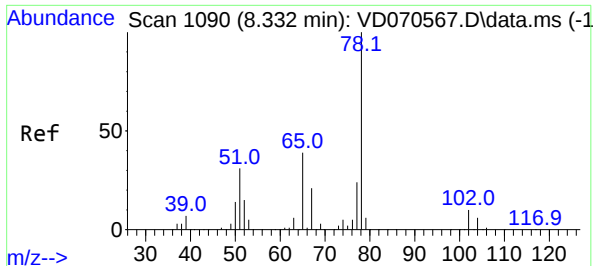
Tgt Ion:168 Resp: 358891
Ion Ratio Lower Upper
168 100
99 65.4 51.4 77.0



#16
Acetone
Concen: 15.24 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070679.D
Acq: 12 Oct 2021 15:07

Tgt Ion: 43 Resp: 10930
Ion Ratio Lower Upper
43 100
58 36.1 28.2 42.2

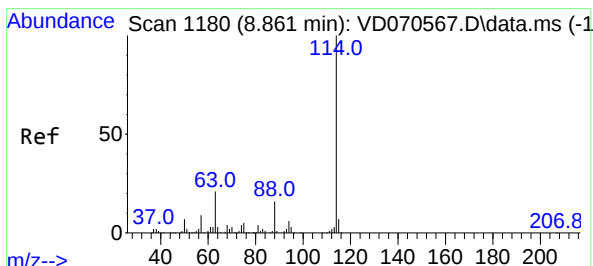
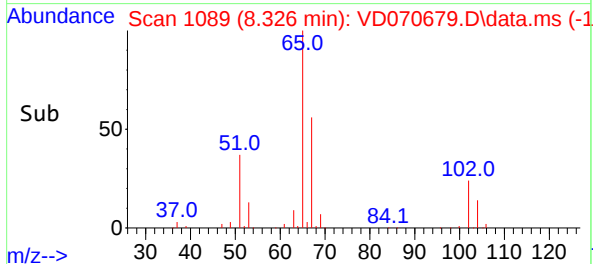
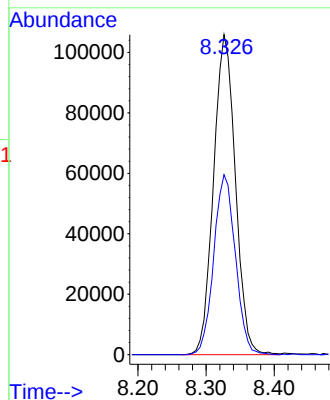
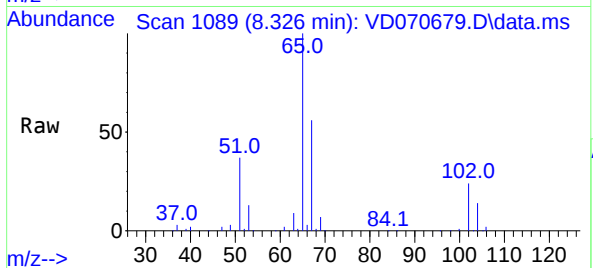




#33
1,2-Dichloroethane-d4
Concen: 55.89 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070679.D
Acq: 12 Oct 2021 15:07

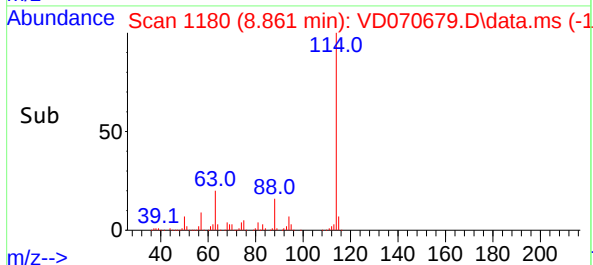
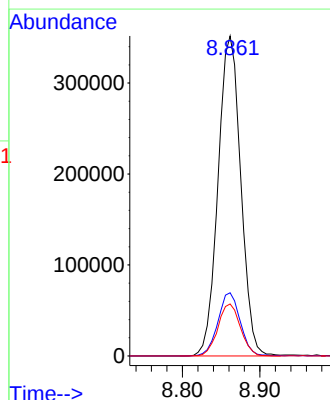
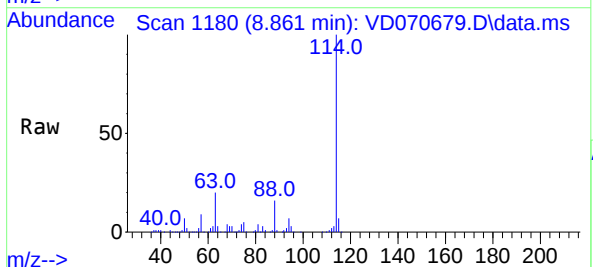
Instrument :
MSVOA_D
ClientSampleId :
T9-4-BOTTOM-GRAB

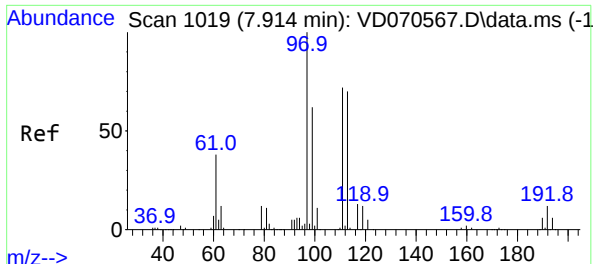
Tgt Ion: 65 Resp: 236049
Ion Ratio Lower Upper
65 100
67 55.7 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070679.D
Acq: 12 Oct 2021 15:07

Tgt Ion: 114 Resp: 717610
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.8
88 16.2 0.0 32.6

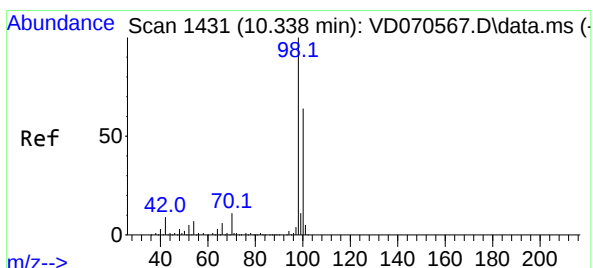
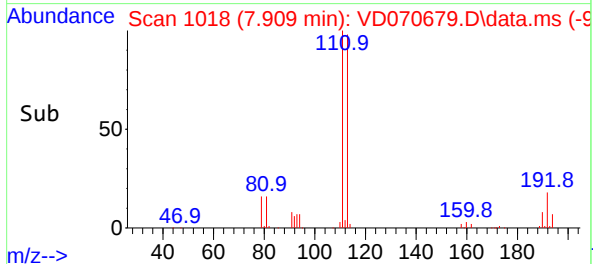
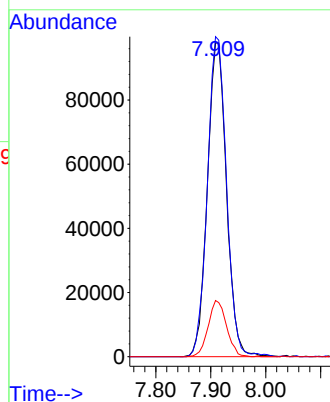
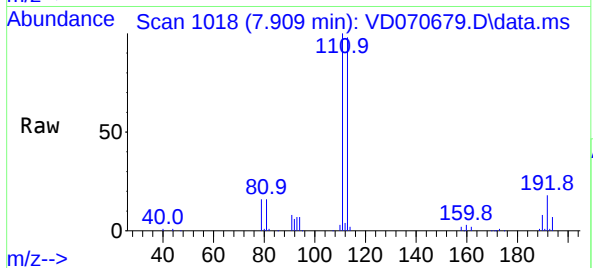




#35
Dibromofluoromethane
Concen: 49.53 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070679.D
Acq: 12 Oct 2021 15:07

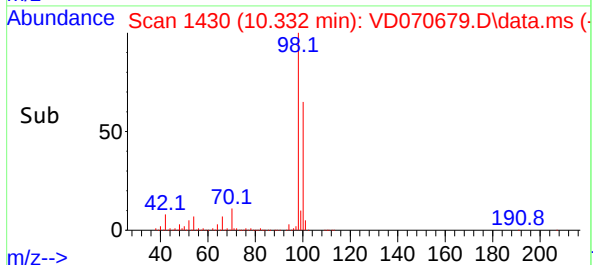
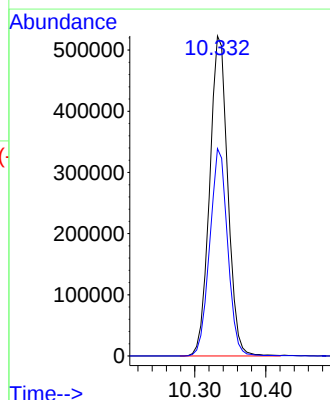
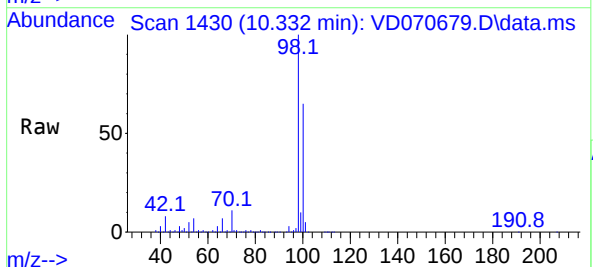
Instrument :
MSVOA_D
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T9-4-BOTTOM-GRAB

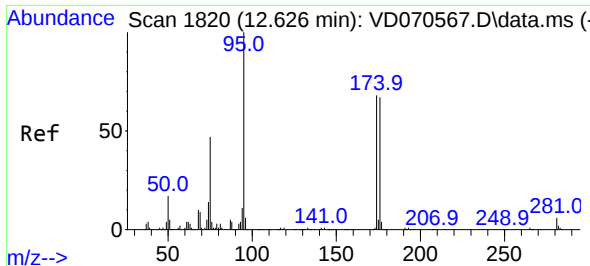
Tgt Ion:113 Resp: 236328
Ion Ratio Lower Upper
113 100
111 101.7 83.1 124.7
192 17.2 12.7 19.1



#50
Toluene-d8
Concen: 50.86 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070679.D
Acq: 12 Oct 2021 15:07

Tgt Ion: 98 Resp: 927637
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4

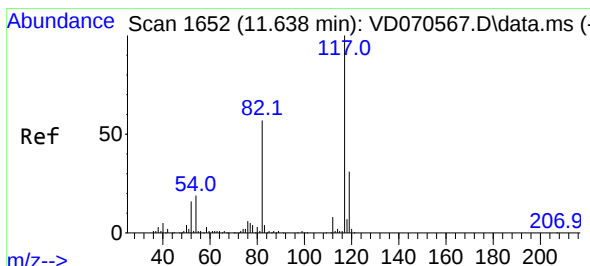
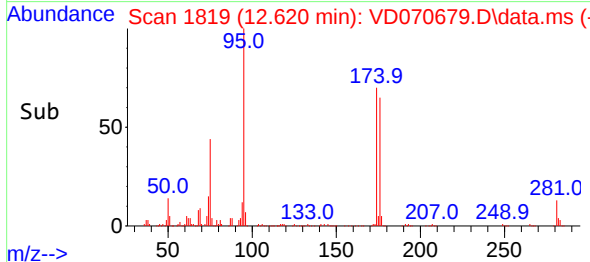
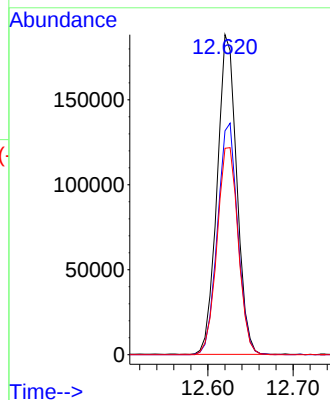
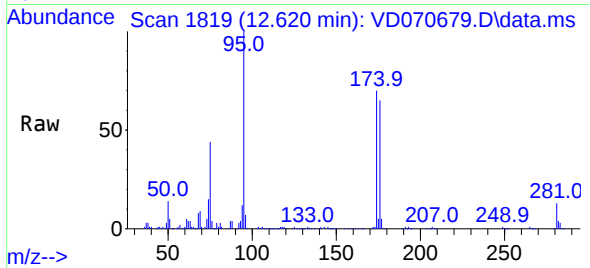




#62
4-Bromofluorobenzene
Concen: 49.42 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070679.D
Acq: 12 Oct 2021 15:07

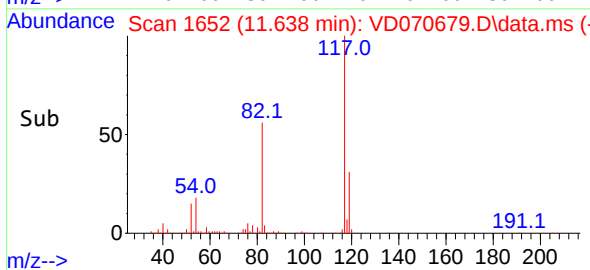
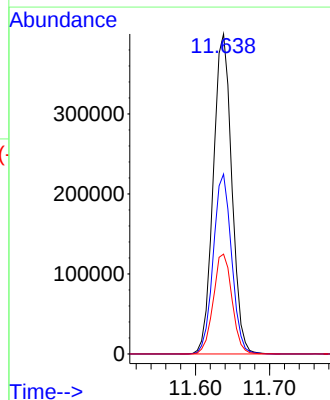
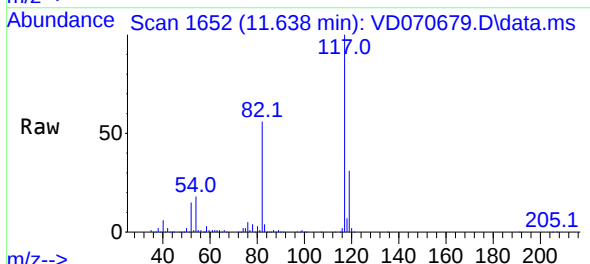
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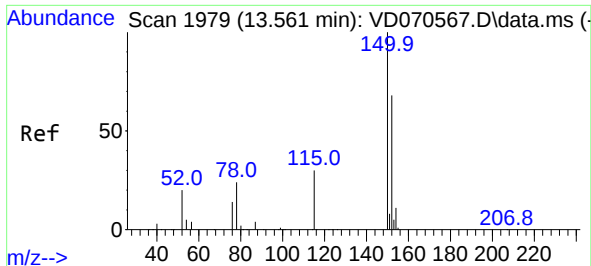
Tgt Ion: 95 Resp: 301239
Ion Ratio Lower Upper
95 100
174 74.7 0.0 138.0
176 69.6 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070679.D
Acq: 12 Oct 2021 15:07

Tgt Ion: 117 Resp: 693050
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.2
119 31.2 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070679.D
 Acq: 12 Oct 2021 15:07

Instrument :
 MSVOA_D
 ClientSampleId :
 T9-4-BOTTOM-GRAB

Tgt Ion:152 Resp: 300996
 Ion Ratio Lower Upper
 152 100
 115 62.8 31.9 95.7
 150 157.2 0.0 350.0

